LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031621.D
Acq On : 30 Apr 2019 05:28
Operator : JC/SP
Sample : K2593-10 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X74

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.180	24	28	39	rVB2	16555	15677	0.00%	0.004%
2	1.396	88	95	107	rVB	476781	522831	0.14%	0.129%
3	1.679	176	183	197	rBV	357265	446390	0.12%	0.110%
4	1.826	221	229	237	rBV	355643	488938	0.13%	0.121%
5	1.881	237	246	263	rVB	1751763	2446427	0.65%	0.603%
6	2.267	356	366	380	rVB	748194	1150061	0.30%	0.284%
7	2.437	417	419	421	rBV3	1430	818	0.00%	0.000%
8	2.476	422	431	439	rVV2	4909	9653	0.00%	0.002%
9	2.589	463	466	470	rBV3	1857	1402	0.00%	0.000%
10	2.698	488	500	521	rVB	164976	304450	0.08%	0.075%
11	2.881	554	557	560	rVB2	1644	990	0.00%	0.000%
12	2.900	560	563	568	rVB4	917	720	0.00%	0.000%
13	2.981	576	588	601	rBV	33954	67259	0.02%	0.017%
14	3.142	635	638	643	rVB3	2103	2207	0.00%	0.001%
15	3.174	643	648	649	rBV4	1676	1190	0.00%	0.000%
16	3.206	654	658	660	rBV2	1251	907	0.00%	0.000%
17	3.219	660	662	667	rVB2	1450	971	0.00%	0.000%
18	3.251	667	672	673	rBV3	889	854	0.00%	0.000%
19	3.306	686	689	693	rVV2	1462	1064	0.00%	0.000%
20	3.331	693	697	706	rVB5	1772	2629	0.00%	0.001%
21	3.379	706	712	716	rBV4	1845	2283	0.00%	0.001%
22	3.415	721	723	725	rVV3	1493	809	0.00%	0.000%
23	3.434	727	729	730	rVV	1782	931	0.00%	0.000%
24	3.447	731	733	743	rVB6	2971	3269	0.00%	0.001%
25	3.531	755	759	760	rBV3	1223	724	0.00%	0.000%
26	3.566	767	770	774	rVB4	956	790	0.00%	0.000%
27	3.662	798	800	806	rVB3	1128	825	0.00%	0.000%
28	3.688	806	808	810	rBV2	1033	645	0.00%	0.000%
29	3.740	818	824	827	rBV3	2261	2965	0.00%	0.001%
30	3.878	862	867	871	rBV3	1546	1418	0.00%	0.000%
31	3.904	871	875	879	rVB2	1873	1506	0.00%	0.000%
32	3.945	884	888	891	rVB3	936	626	0.00%	0.000%
33	4.016	906	910	913	rVB2	1130	623	0.00%	0.000%
34	4.032	913	915	918	rBV2	1109	740	0.00%	0.000%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

35	4.096	930	935	939	rVB4	1007	1194	0.00%	0.000%
36	4.125	939	944	946	rBV	837	663	0.00%	0.000%
37	4.190	949	964	968	rBV	320428	672799	0.18%	0.166%
38	4.486	1053	1056	1059	rBV3	1475	982	0.00%	0.000%
39	4.579	1082	1085	1087	rBV2	1697	1189	0.00%	0.000%
40	4.643	1087	1105	1136	rVV	538498	1311538	0.35%	0.323%
41	4.878	1175	1178	1181	rBV4	1326	1088	0.00%	0.000%
42	4.897	1182	1184	1188	rBV4	1191	940	0.00%	0.000%
43	4.981	1206	1210	1211	rBV3	1302	1063	0.00%	0.000%
44	5.016	1219	1221	1224	rVB3	1996	1100	0.00%	0.000%
45	5.051	1229	1232	1235	rBV3	1041	645	0.00%	0.000%
46	5.138	1241	1259	1270	rBV6	12669	31587	0.01%	0.008%
47	5.190	1272	1275	1280	rVB3	1951	1586	0.00%	0.000%
48	5.231	1283	1288	1291	rBV3	1286	1341	0.00%	0.000%
49	5.334	1297	1320	1354	rBV2	1068403	3231881	0.86%	0.797%
50	5.621	1405	1409	1411	rBV4	1479	964	0.00%	0.000%
51	5.640	1411	1415	1416	rBV3	1613	931	0.00%	0.000%
52	5.740	1443	1446	1447	rBV3	1328	704	0.00%	0.000%
53	5.775	1455	1457	1461	rBV5	1390	1012	0.00%	0.000%
54	5.884	1477	1491	1531	rBV	804263	1702251	0.45%	0.420%
55	6.096	1555	1557	1560	rBV4	1409	833	0.00%	0.000%
56	6.199	1565	1589	1620	rBV6	149382469	377139366	100.00%	92.978%
57	7.225	1896	1908	1932	rBV	380570	697592	0.18%	0.172%
58	7.466	1975	1983	1997	rBV2	40161	69372	0.02%	0.017%
59	7.563	2000	2013	2026	rBV	1276773	2257545	0.60%	0.557%
60	7.633	2027	2035	2064	rVB	324273	632109	0.17%	0.156%
61	7.846	2092	2101	2125	rBV	255182	454004	0.12%	0.112%
62	8.071	2159	2171	2183	rBV4	45802	86901	0.02%	0.021%
63	8.148	2192	2195	2198	rBV4	2052	1323	0.00%	0.000%
64	8.222	2205	2218	2236	rBV	1475245	2554219	0.68%	0.630%
65	8.312	2236	2246	2291	rVB	1020933	2063057	0.55%	0.509%
66	8.887	2421	2425	2428	rBV3	2068	1679	0.00%	0.000%
67	8.932	2436	2439	2440	rBV2	1418	816	0.00%	0.000%
68	9.087	2470	2487	2528	rBV	1227147	2164816	0.57%	0.534%
69	9.254	2531	2539	2549	rVB2	16320	28536	0.01%	0.007%
70	9.373	2564	2576	2593	rBV2	56943	111574	0.03%	0.028%
71	9.524	2620	2623	2624	rBV3	1735	848	0.00%	0.000%

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ALS Vial : 54 Sample Multiplier: 1

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ClientSampleId : C0X74

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

72	9.598	2642	2646	2651	rVB4	2164	1750	0.00%	0.000%
73	9.620	2651	2653	2655	rBV2	951	705	0.00%	0.000%
74	9.781	2692	2703	2717	rBV3	35795	60146	0.02%	0.015%
75	9.910	2740	2743	2745	rBV4	1122	724	0.00%	0.000%
76	10.026	2776	2779	2780	rBV3	1208	734	0.00%	0.000%
77	10.038	2781	2783	2786	rVB3	1517	843	0.00%	0.000%
78	10.170	2818	2824	2828	rBV5	3414	5057	0.00%	0.001%
79	10.251	2845	2849	2853	rBV2	1898	1618	0.00%	0.000%
80	10.305	2862	2866	2869	rBV2	2188	1816	0.00%	0.000%
81	10.334	2872	2875	2877	rBV3	1277	724	0.00%	0.000%
82	10.427	2891	2904	2928	rBV	904176	1459034	0.39%	0.360%
83	10.585	2945	2953	2954	rBV7	4013	3433	0.00%	0.001%
84	10.681	2974	2983	2989	rBV4	13505	22419	0.01%	0.006%
85	10.771	3007	3011	3020	rVB4	9047	10995	0.00%	0.003%
86	10.881	3042	3045	3049	rBV3	1718	1393	0.00%	0.000%
87	10.971	3068	3073	3085	rVB5	6965	11414	0.00%	0.003%
88	11.077	3103	3106	3109	rBV3	1525	1243	0.00%	0.000%
89	11.148	3120	3128	3140	rBV2	28544	45520	0.01%	0.011%
90	11.247	3155	3159	3160	rBV2	1529	1012	0.00%	0.000%
91	11.334	3183	3186	3191	rVB5	1257	1150	0.00%	0.000%
92	11.415	3207	3211	3217	rBV7	1051	1363	0.00%	0.000%
93	11.482	3219	3232	3249	rBV	961932	1579094	0.42%	0.389%
94	11.759	3312	3318	3321	rBV5	3968	4688	0.00%	0.001%
95	11.855	3337	3348	3372	rBV	1004547	1681515	0.45%	0.415%
96	13.209	3766	3769	3775	rVB3	1546	1542	0.00%	0.000%
97	13.241	3775	3779	3782	rBV3	1951	2025	0.00%	0.000%
98	13.273	3787	3789	3792	rBV2	1397	971	0.00%	0.000%
99	13.459	3844	3847	3853	rVB2	1936	1874	0.00%	0.000%
100	13.749	3933	3937	3941	rBV7	1878	1728	0.00%	0.000%

Sum of corrected areas: 405620170

LSC Report - Integrated Chromatogram

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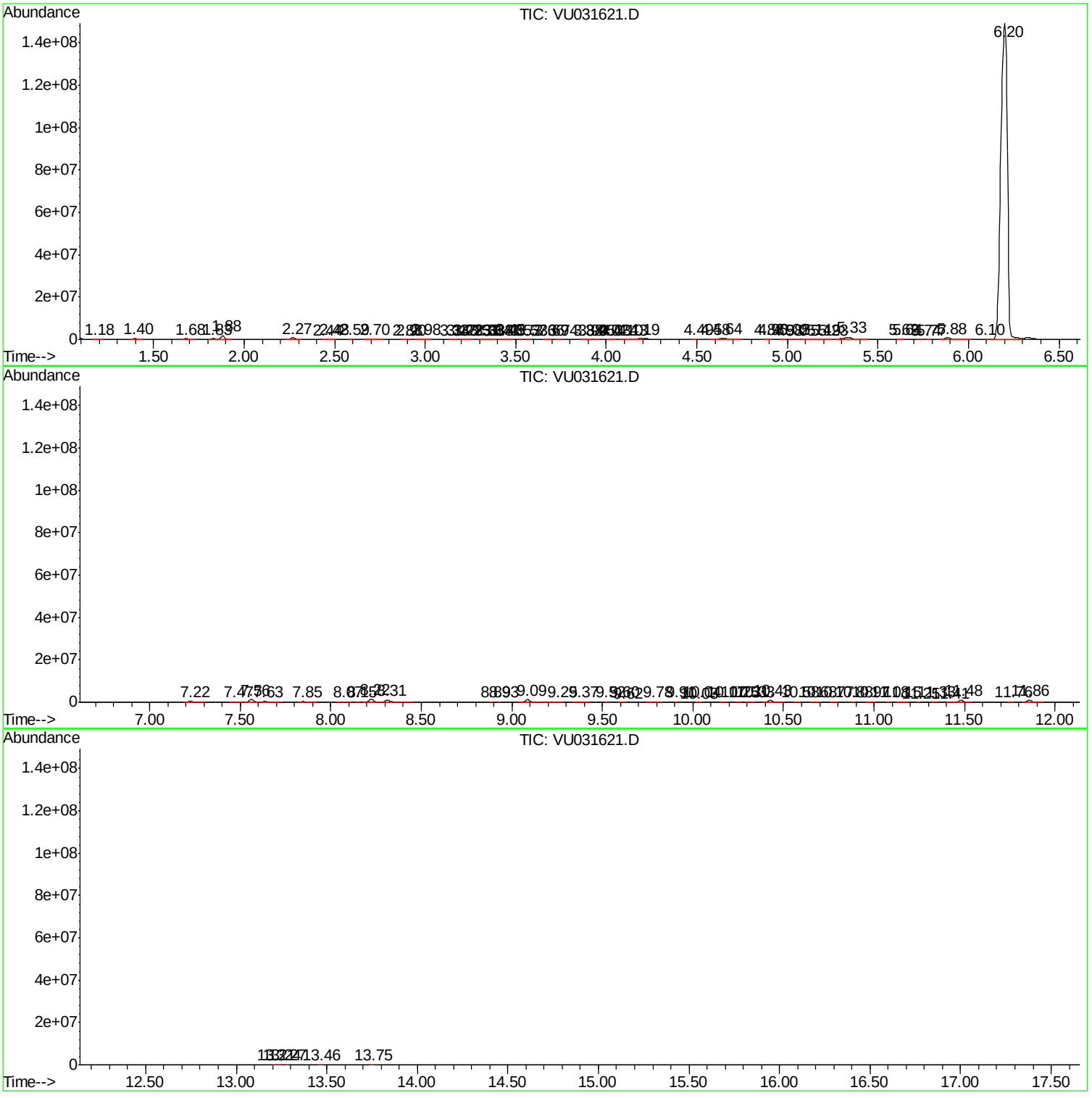
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId : C0X74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

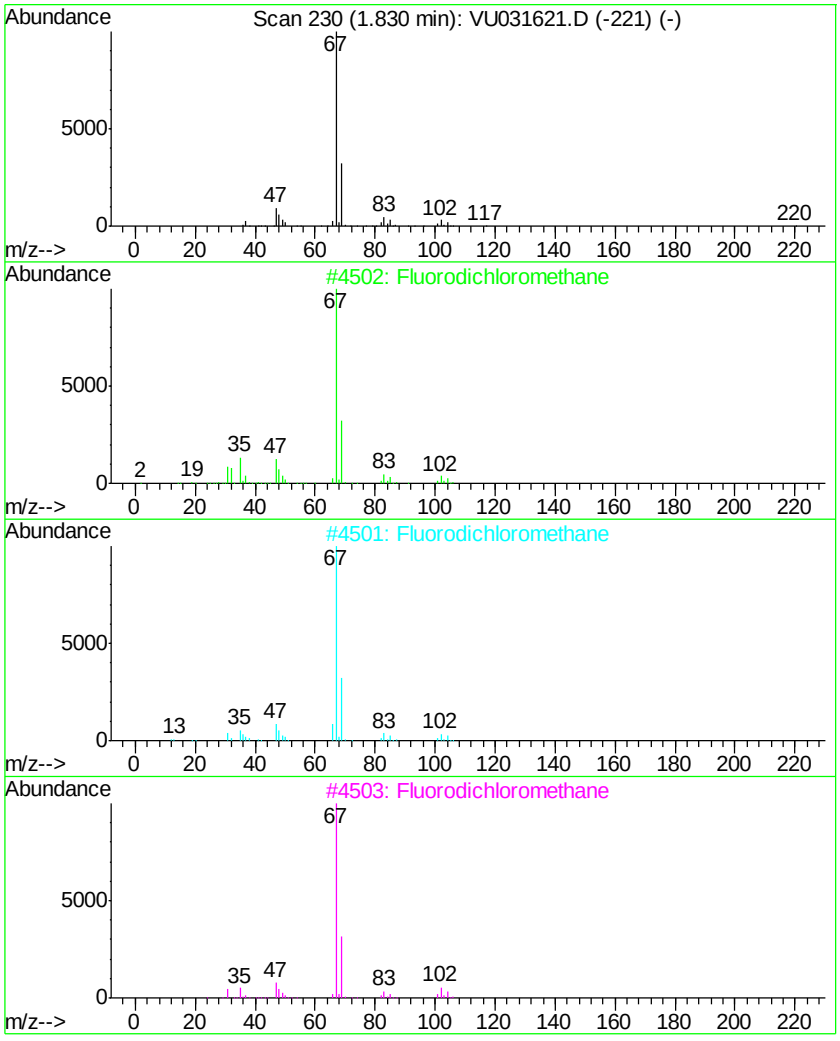
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

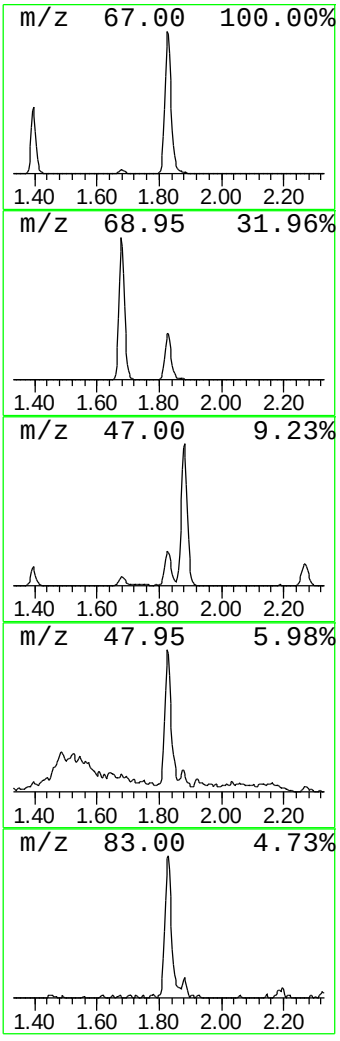
****

Peak Number 1 Fluorodichloromethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	14.36 ug/L	488938	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	90
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
5	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Fluorodichloromet...	1.83	14.4	ug/L	488938	1	5.88	1702250	50.0